

**SEQUENCE LISTING**

<110> CHAE, Young-Jin  
CHOI, Eun-Wha

<120> Recombinant peptide vector comprising the gene for treatment for autoimmune diseases

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27

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&lt;223&gt; primer

&lt;400&gt; 7

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61

&lt;210&gt; 8

&lt;211&gt; 27

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; primer

&lt;400&gt; 8

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&lt;210&gt; 9

&lt;211&gt; 24

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; primer

&lt;400&gt; 9

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&lt;210&gt; 10

&lt;211&gt; 21

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&lt;213&gt; Artificial Sequence

&lt;220&gt;

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20

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<220>  
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<210> 18  
<211> 66  
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ggccacatgg	
acagaggccg	
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tgagagtgac	
cgctgtacca	
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caccctgccc	
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atgagctgac	
caagaaccag	
gtcagcctga	1860
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&lt;210&gt; 21

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; N-terminal Gly is acetylated. 2nd a.a can be replaced by Ile. 4th a.a can be replaced by Leu. 10th a.a can be replaced by Arg. 11th a.a can be replaced by Lys. 13th a.a can be replaced by one of the Leu, Ile, Arg, Gln, Asn and Ser.

&lt;400&gt; 21

Gly Leu Gly Ile Ser Tyr Gly Arg Lys Lys Arg Arg Gly Arg Arg Cys

1

5

10

15

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<212> DNA  
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<223> Linker-1 DNA: 5' end of C forms ester bond with Cys

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17

<210> 23  
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<212> DNA  
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<220>  
<223> Linker-2 DNA

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16